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| POSITION                  | IMITA LS | ID NO. | DATE     |
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| FEE DETERMINATION         | Similar  |        | 10.51-20 |
| O.I.P.E. CLASSIFIER       | 1-2/     |        | 6-1-0/1  |
| FORMALITY REVIEW          | mid      | 920    | 07-11-0  |
| RESPONSE FORMALITY REVIEW |          |        |          |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
|   | (Through numeral) Canceled | Α   | Appeal       |
|   | Restricted                 | 0   | Objected     |

|      | <u>,                                     </u> |              | <del></del>       |         |            |          |           |               |      |          |      |             |          | Part Part |          |          |          |          |          |         |      |          | Costan Boto   |    |              |              |          |            |         |          |     |            |          |           |                    |               |           |           |
|------|---|--------------|-------------------|---------|------------|----------|-----------|---------------|------|----------|------|-------------|----------|-----------|----------|----------|----------|----------|----------|---------|------|----------|---------------|----|--------------|--------------|----------|------------|---------|----------|-----|------------|----------|-----------|--------------------|---------------|-----------|-----------|
| ŀ    | Cla   | lm           | 7.                |         |            |          | Da        | te            | _    |          |      | _           |          | Cla       | im       | <u> </u> |          |          | _        | Dat     | 8    |          | _             |    | _            |              | Q.       | im         | _       | _        | _   |            | Dat      | 0         |                    | $\overline{}$ | _         | 긕         |
|      | Final   | _            | 1                 | المراوا |            | 76,00    |           |               |      |          |      |             |          | Final     | Original |          |          |          |          |         |      |          |               |    |              |              | Final    | Original   |         |          |     |            |          |           |                    |               |           |           |
| Ļ    | ان  | Ų            | 4                 | K       | 4          | 1        | 1         | L             | L    |          | Ŀ    | _           |          | _         | 51       | L        | L        | L        | L        |         |      |          |               |    |              |              | Ľ        | 101        | 4       | 4        | _   |            |          | Ц         |                    | $\dashv$      | _         | 4         |
| ŀ    |   | 5            | 4                 | Ц       | #          | H        | 1         | 100           | ۲.   | -        | Ļ    | <u> </u>    | 1.7      | Ŀ         | 52       | <u> </u> | _        | L        | <u> </u> | _       | _    | _        | -             | Ц  | _            | l            | <u> </u> | 102        | +       |          | -   | _          | Щ        | $\dashv$  | Н                  |               | $\dashv$  | 4         |
| Ļ    | _   | 3            | 1                 | Ц       | Щ          | Ш        | ļ.        | Ŀ             | L    | L        | Ļ    | L           | ŀ        | <u> </u>  | 53       | ļ        | L        | L        | <u> </u> |         | _    | _        | 4             | Ц  | _            | 1            | _        | 103        | 4       | 4        | _   | _          | -        | Н         | $\dashv$           | ᆛ             | $\dashv$  | 4         |
| ŀ    | 늭   | 5            | +                 | H       | H          | H        | +-        | -             | -    | -        | ╁    | Ľ           |          | Ë         | 54<br>55 | -        | ļ.       | ÷        |          | -       | -    | -        | $\dashv$      | Н  | _            | ŀ            | <u> </u> | 104        | ┥       | $\dashv$ | H   | Н          | Н        | -         |                    | $\dashv$      | $\dashv$  | ᅱ         |
| ŀ    | ž.  | . в          | +                 | 7       | H          | Н        | 33        | 1             | 7.3  | 17.      | 7    | 7:          | 3.5      | સ્ટ       | 58       | _        | $\vdash$ | H        |          |         | _    |          | $\dashv$      | Н  | -            |              | H        | 106        | +       | $\dashv$ | -   |            | Н        | $\exists$ |                    | -             | $\dashv$  | ᅱ         |
| 1    | 4   | 7            | +                 | H       | P          | Ħ        | 1.0       | 30            |      | ۳        | -    | ۴           | <u>}</u> | -         | 57       | -        | H        | -        | -        |         | Ė    |          | Ħ             | H  | ÷            |              | -        | 107        | -       | $\dashv$ | -   | Н          | Н        | Н         | -                  | $\dashv$      | $\dashv$  | ᅥ         |
| ŀ    | ┪   | -6           | t                 | Н       | Н          | Н        | 156.2     | Fee           | 25   |          |      |             | ,        | H         | 58       | ┌        | ┢        | H        | Н        |         |      |          |               | -  | _            |              |          | 108        | ┪       | $\neg$   |     |            |          |           |                    | $\neg$        | $\dashv$  | ╗         |
| ŀ    | 7   | 9            | ተ                 | H       | П          | Ħ        | 13        |               |      | ×        | Ė    |             |          | -         | 59       | Г        |          | -        | ŀ        | ÷       | _    |          |               |    | _            |              | Г        | 108        | 7       |          |     |            |          |           |                    | ╗             | ╗         |           |
| 4    | 9   | 10           | 1                 | 1       | П          | 3        | 7         | iż            | 145  | 1        | .7   | 37          | 12       | -         | 8        | : .      | į        |          | ·        | Ŀ       |      | :        | $\cdot$       |    | $\cdot$      | 47           |          | 110        |         |          |     |            |          |           |                    |               |           | .::       |
|      |   | 11           | T                 | П       | П          |          |           | ١.            | ٠    |          |      |             |          | ·         | 61       |          |          |          |          |         |      |          |               |    |              |              |          | 111        | $\Box$  |          |     |            |          |           |                    |               | $\Box$    | •         |
| Ŀ    |   | 12           | Ι                 | Ц       | $\prod$    |          | ः         | 4.            | -    |          | 1.:  | Ŀ           |          | ·         | 62       | L        | Ŀ        |          | L        | _       |      | _        |               | Ц  | L            |              | 匚        | 112        | 4       |          |     |            | Ц        |           |                    |               |           | _         |
| ŀ    | Ÿ   | 13           | ı,                | Ц       | Ц          | Н        | 13        | 1             |      | 3.       | 1:   | Ŀ           | 3        | Ļ         | 63       | L        | !        | L        | !        |         |      |          |               |    | _            | ŀ            | Ļ        | 113        | 4       |          | _   |            |          | Ц         | _!                 |               | 4         | ٠.٠       |
| ļ    | 4   | 14           | 4,                | Ц       | 4          | Н        | Ţ.        | L             | -    | <u> </u> | L    | Ŀ           |          | <u> </u>  | 64       | L.       | !        | ┞        | <u> </u> | H       | _    | $\vdash$ | -             | _  | <u> </u>     | l            | <u> </u> | 114        | . '     | -4       |     | Щ          | $\dashv$ | $\dashv$  | $\dashv$           |               | 4         | ᅱ         |
| 4    |   | 15<br>1.     | ¥                 | Н       | H          | ۲        | 1.        | Ŀ             | 1    | -        | -    | <del></del> | ··       | -         | 65       | -        | -        | ┝        | $\vdash$ |         | _    |          | Н             | Н  | H            | l            | ┝        | 115<br>116 |         |          | -   | -          | Н        | $\dashv$  | $\dashv$           | _             | +         | -         |
| : }  | -   | 7            |                   | 붜       | ₩          | 5.2      | 1         | *             | H    | <u> </u> | 1    | ÷           | . 4      | -         | 66<br>67 | ŀ        | ₩-       |          | -        | Н       |      | -        | $\dashv$      | Н  | ⊢            | ·            | ⊢        | 117        | +       | $\dashv$ | -   |            | -        | Н         | -                  | $\dashv$      | $\dashv$  | -         |
| ŀ    | Š   | 18           | \                 | Н       | H.         | نزز      | ني        | ١             | ٠-   | -        | 1.00 | ,,          | 7        |           | 68       | $\vdash$ | ┢╌       | ┝        | -        | -       | _    | _        | $\neg$        | Н  | H            |              | H        | 118        | +       |          | -   | $\vdash$   |          | Н         | $\vdash$           | $\dashv$      | $\exists$ | $\dashv$  |
|      | -   | ж            | ă                 | H       | Н          | N.       |           | 4.            | 1    | 12       | 1    |             | 3        | H         | 69       | ۳        | 1        | $\vdash$ | $\vdash$ |         | Н    |          | П             | Н  | ┢            |              | -        | 119        | 7       | -        | 7   | Н          |          | Н         | $\dashv$           | $\exists$     |           | ╗         |
|      | Ø.  | -            |                   | U       | 材          |          |           |               | 8    | i.       | -0   | 100         | 1        | -         | 70       |          | ┝        |          |          | Ħ       |      |          | $\overline{}$ |    | Ť            | ١.           | F        | 120        | ┪       | ╗        | ╗   |            |          |           | $\overline{\cdot}$ |               |           | -         |
| _    | e.<br>Q                                       | 21           | 1.3               | T.      |            |          |           |               |      |          | 1.   | 12          | 4        | ñ         | 71       | v        |          | 2        | 3        |         | ÷    |          | -             |    | <del> </del> | ,            | H        | 121        | 7       | -        | ┪   |            |          | Н         | $\neg$             | $\dashv$      | -         | ,,,       |
|      | 0   | 2            | in the            | 蒙       |            |          |           |               |      |          |      |             | 6        | 4         | 72       | X        | Ä        | Ė,       | ŵ        |         | • 2. |          | : .           |    | 8            |              |          |            | 19      | 5        |     | ة <u>.</u> | . 5      | .}        | A, v               |               |           | 2         |
|      | 100   | 23           | 75                |         |            |          |           | 8             |      |          | 21   | 1           |          | 班         | 73       | 3        | 37       | 27       | 17       | ? "     |      | 7        |               |    | .7           |              | 1        | 123        | -       |          |     |            |          |           | 37                 | 13            | 123       | ¥,        |
|      | ŧ.  |              | 72                | Ž,      | Ę,         |          | 13        |               | 9    |          | A    | X           | 腦        | 18        | 74       | 71       | 污        | 1        | : 7      | ÿ,      | 3    |          | ,¢.           | 1; | ., 5         |              |          | 124        |         |          | ·.: | ·          | :        |           |                    | ş             | 14        | R.        |
|      |   |              | 世                 | 8       | Ü          |          | 1         | liv.          | 30   | 巡        |      | 沒           | 鑁        | Ţ,        | 75       | 2]       |          | 3        |          | $f^{*}$ |      |          | [             |    |              |              | 1        | 125        |         |          |     | ۲.         |          |           | *                  | 4             | 11        | 刀         |
| ١!   |   | 26           | 2.5               | 77      | 7          | 77       | 84        |               |      | 2        | 1    |             | 3,7      |           | 78       | 1        | Ŀ        | Ŀ        | L        | Ŀ       | ÷    | Ĺ        |               | Ĺ  | Ĺ            | ,            | 14       |            | 1       | _        | _   | Ш          | Ц        | Ŀ         |                    |               |           | ١.        |
| 1    | 15  | 1            | 7                 | J,      | #          | _        |           | -             | _    | 10       | 19:  | 1           | 15.77    |           | 77       | !        | <u>L</u> | _        | L        |         |      | L.       |               | Н  | L            | 1            | <u> </u> | 127        | 4       | _        | _   | _          |          | Н         | Н                  | $\dashv$      | 4         | 4         |
|      | 2.5   | 28           | -                 | 4       | 601        | 100      |           |               |      |          | 100  | ÷           | 獭        | +         | 78       | ì        |          | Ŀ        | -        |         | _    | _        |               | Н  | ŀ            | <i> </i> / · | ⊢        | 128        | 4       | 4        | _   | Н          | Н        | Н         |                    | $\vdash$      | $\dashv$  | -         |
| :  . | <u>.</u>                                      | 29<br>30     | 7                 |         | 3          |          |           |               |      | 1.7.     | 12   | 7           | 22       | -         | 79<br>80 | 1 2      | ╁        | H        | -        | Ļ       | -    | H        | Н             | Н  | -            | 1            | -        | 129        | 4       |          | -   | -          | Н        | Н         |                    | Н             | $\dashv$  | $\dot{-}$ |
| Ή    |   | 31           | -                 | H       | (5.0)      | 1        | 43        | 12            | 34   | 3.7      | F    | -           | r-       | ,,        | 81       |          | ⊢        | ┝        | H        | -       | -    | _        | _             | Н  | -            | l            | ⊢        | 131        | ┪       | -        | -   | Н          | Н        | Н         | Н                  | $\vdash$      | $\dashv$  | ᅱ         |
| :    |   | 32           | · ;;              | 3,      | Ü.         | -        | .6        | 30            |      | h3       | 10   | -           | 17       | -         | 82       | 7        |          | -        |          |         |      |          | 7             |    |              |              | 1        | 132        | ┪       | -        |     | -          | Н        | H         | Н                  |               | _         | ᅥ         |
| ۱ŀ   | 3   | 33           | >                 | -7      | _          | à        |           |               | Ì    | 3.       | 2    |             | * [      | Н         | 83       | 7        | -        |          | <u> </u> | -       |      | _        |               | Н  | Г            |              |          | 133        | ┪       |          |     | Н          | Н        | Н         |                    |               | $\Box$    | া         |
|      |   | 34           | ٥Ï                | 2       |            |          |           |               |      |          | 30   |             | 1.0      | -         | 84       |          | Т        | Γ        |          | Ϊ́      |      | _        | П             |    |              |              | 1        | 134        | 7       | ٦        |     |            |          |           |                    | П             | ╗         | :         |
|      | 3   | 35           | 7                 | Ť       |            | 3        | 15        |               | No.  |          | 13   | 19.5        | 14.      |           | 85       |          |          |          |          |         |      |          |               |    |              |              |          | 135        |         |          |     |            |          |           |                    |               | $\exists$ | -11       |
|      | 1.  | 38           | 32                | N.      |            |          | ZA        | 3             | (2)  | 1        |      | 4           | ij.      | 12        | 88       | į.       |          |          |          |         | :    |          |               |    |              |              |          | 136        | $\Box$  |          |     | П          |          |           |                    |               |           | ين        |
|      | Š   |              |                   | 13      |            | -        |           | N             |      |          |      | 8           | - C. C.  | Ÿ.,       | 87       | 15       |          |          |          | $\perp$ |      |          |               |    | L            |              | L        | 137        | 1       | _        | ٠   | Ц          | Ц        | ٠.        | ·                  | Ŀ             | اث        |           |
|      | 1   |              | 3                 | it.     |            |          |           |               |      |          |      | 12          |          | 4         | 88       | 4        | à.       | . :      | -        |         |      |          |               | Ŀ  |              |              | Ŀ        | 138        | 4       |          | _   | ·          | Ц        | Щ         |                    | Ŀ             |           |           |
|      | 1   |              | 1                 | 57      |            | V        | Ċ.        |               |      |          | 1)   | -           |          | -         | 89       | _        | -        | _        |          |         |      |          |               |    |              |              | L        | 138        | -       | _        | _   | Н          | Ш        | Щ         | Н                  | $\dashv$      |           |           |
|      | <b>Q</b>                                      |              | *                 | ä,      |            |          |           |               | 135  |          | 1-   | 换           | X        | 4         | 80       | Ŀ        | Ŀ        | Ľ        | Ŀ        |         | . :  | Ŀ        |               | _  | :            | l            | Ŀ        | 140        | 4       | 4        | _   | Щ          | Н        | Ŀ         | Н                  | $\dashv$      | 4         | ŭ.        |
|      |   | 41           | .∵<br>            |         |            | *        |           | <u>ئ</u><br>ج | 13   | ×        | 121  | <u> </u> -  | 77       | Ľ.        | 91<br>92 | L        | <u> </u> | L        | Ŀ        |         | Ŀ    | L        |               | Ц  | <u> </u>     | l            | -        | 141        | 4       | 4        | _   | $\dashv$   | Н        | Н         |                    | $\dashv$      | 4         | $\dashv$  |
| ١,   |   |              |                   |         |            | ı€.      | . I. V2   | 100           | 12.7 |          | 5    | -           | -        | -         | 93       | ├        | ⊢        | -        | ├        | _       | L    |          | Н             | Н  | ⊢            | ł            | ⊢        | 143        | -       |          | -   |            |          | ᅱ         | -                  | $\dashv$      | $\dashv$  | ᅱ         |
| ,    | 뛰   | <b>3</b> ](¥ | <u>:</u> <u>L</u> | E       | 17         | =        | <u>ال</u> | 12<br>12      | 34   | 放火       |      | 3           | A        | -         | 34       | -        | -        | -        |          | Н       | -    | $\vdash$ | Н             | Н  | -            |              | $\vdash$ | 144        | +       | $\dashv$ | -   | $\dashv$   | $\dashv$ | $\dashv$  | $\dashv$           | $\dashv$      | -1        | $\dashv$  |
|      |   | 45           | ε.                | i<br>i  | ┢          | 2        |           |               | 15   | 3.       | 1    |             |          | H         | 95       | ┢        | -        | ┝        | -        |         |      | -        | Н             | Н  | -            |              | H        | 145        | ┪       | $\dashv$ | ⊣   | Н          | $\dashv$ | ⊣         | -                  | $\dashv$      | $\dashv$  | -1        |
| ľ    |   | 48           | <u> </u>          | -       | ŕ          | F        | .,        | 7             |      | -        | ۲    | ۰           |          | F         | 98       |          | Г        | Г        | T        |         | Т    | Т        | H             | Н  | ┢            | 1            | Г        | 146        | +       |          | -   | П          | $\Box$   |           | ╗                  | $\dashv$      | ন         | H         |
| T    | 7   | 47           |                   | -       | T          | T        | †         | ŀ             |      | <u> </u> | 1    |             | 1        | Г         | 97       |          | Г        | Г        | П        |         |      |          |               |    | Т            | 1            | Г        | 147        | 7       | 7        |     | $\neg$     | $\neg$   | $\neg$    | $\neg$             | $\neg$        | コ         | ╗         |
|      | ŝ   | 48           | ŧ                 | :-}     | <u>j</u> . | - 1      | 13        | 13.           |      | ĝσ       | 1.   | >:          | 15       |           | 98       |          |          |          |          |         |      |          | П             |    |              | ]            |          | 148        | ╛       |          |     |            |          | _         |                    |               | 3         | ⋾         |
|      | ٠. ا  | 49           |                   |         | F          |          | ľ         |               |      |          | Ľ    |             | 7        |           | 99       |          |          |          |          |         |      |          |               |    |              | ]            |          | 149        | $\Box$  |          |     |            |          |           |                    |               | $\Box$    | $\Box$    |
| E    | $oldsymbol{\perp}$                            | 50           |                   | Ŀ       | $\Box$     | $\Gamma$ |           | 匚             | 匚    |          | Ĺ    |             | Į        | ഥ         | 100      |          | 匸        |          |          |         |      |          |               |    | Ĺ            | J            | ـــا     | 150        | $\perp$ |          |     |            |          |           |                    |               | _         | ل         |

If more than 150 claims or 10 actions staple additional sheet here